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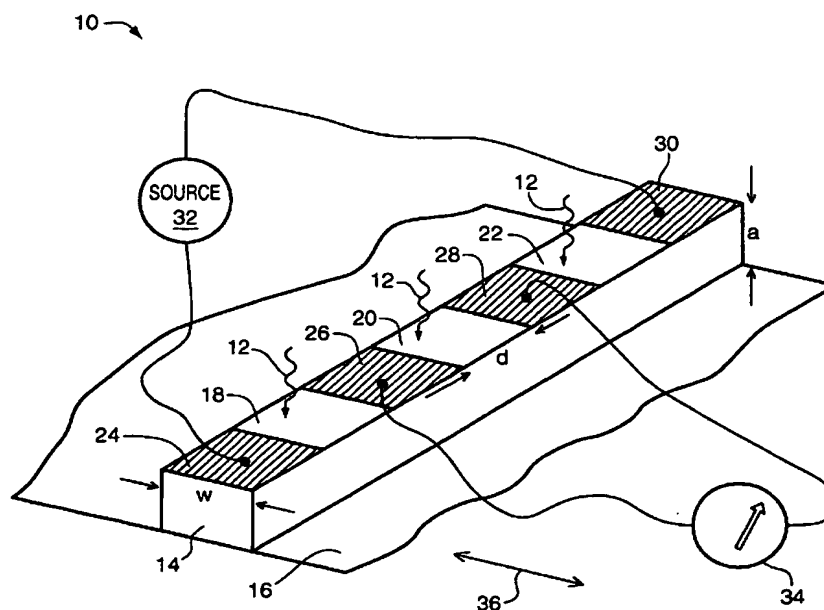
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**Declarations under Rule 4.17:**

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[Continued on next page]

(54) Title: SYSTEMS AND METHODS THAT DETECT CHANGES IN INCIDENT OPTICAL RADIATION



(57) Abstract: Systems, methods and sensors detect changes in incident optical radiation. Current is driven through one or more active areas of a detector while the incident optical radiation illuminates the active areas. Voltage is sensed across one or more of the active areas, a change in the voltage being indicative of the changes in incident optical radiation.



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MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 935 618 A (NAITO RYUICHI) 19 June 1990 (1990-06-19) column 1, line 19 - line 41 figures 1,5	1-6, 18, 19, 29, 31
X	EP 1 041 371 A (MITSUBISHI ELECTRIC CORP) 4 October 2000 (2000-10-04)	1-6, 18-20, 29, 31, 40, 45
Y	paragraph '0072!  paragraph '0076! figures 3,7	7-17, 22-28, 41-44



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